

# FAIR Image Analysis Workflows



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## Problem Statement

In our increasingly data-centric world, converting images into knowledge is a challenge across various scientific fields. Although there are tools and workflows available for analyzing image data, they are scattered across different research fields and locations. The **FAIR Image Data Analysis Workflow Expert Group** is developing FAIR image analysis workflows to encourage collaboration among people who are interested in improving the usability and accessibility of image data workflows, regardless of their scientific or technical background.

## Vision

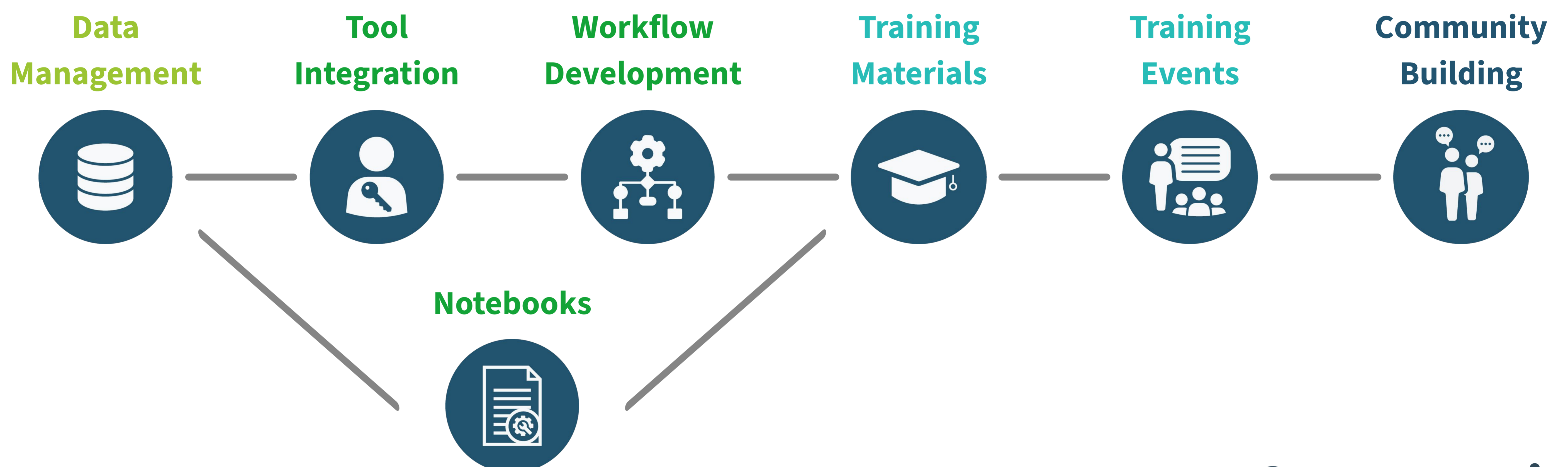
Create a unified global community where **image data workflows** are universally **accessible**, easily **(re)usable**, and **shared** across all scientific disciplines. We aim to empower and unite the scientific community in an effort to advance scientific discovery and innovation through enhanced image analysis capabilities.

## Mission

- Develop and promote **FAIR** (Findable, Accessible, Interoperable, and Reusable) **image analysis workflows across scientific disciplines**.
- **FAIRify image analysis** tools by annotating them with ontology terms and registering them for broad access.
- **Leverage workflow management systems** to streamline image data analysis.
- **Create educational resources** to empower researchers and citizen scientists in transforming image data into valuable insights.
- Foster a community that encourages **knowledge sharing** and cross-disciplinary collaboration.



## Roadmap



## Community

✉ [info@eurobioimaging.eu](mailto:info@eurobioimaging.eu)

### Join the

monthly calls on 3rd Wed at 4pm CE(S)T

## FAIR Image Data Workflows

EURO-BIOIMAGING  
EXPERT GROUP

Initiated in the summer of 2023, we meet monthly to foster collaboration and community engagement.

### Monthly meetings

- Featured talks
- Past & Upcoming events
- Outreach activities
- Tool development

### European-level events

- BioHackathon 2023 - <https://bit.ly/BH2023-preprint>
- BioHackathon 2024 - <https://bit.ly/BH2024-project17>
- Community meetup mid 2025 - stay tuned!

### Community representation

- Represented at the Galaxy Community Board

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MEMBERS

# 9

COUNTRIES